

0220-2-sequence.txt
SEQUENCE LISTING

<110> Kim, Hyo-Joon

<120> ANTI-OBESE IMMUNOGENIC HYBRID POLYPEPTIDES AND ANTI-OBESE VACCINE
COMPOSITION COMPRISING THE SAME

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<160> 11

<170> PatentIn version 3.5

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<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthesized

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<211> 15

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Arg Phe Arg Gly Leu Ile Ser Leu Ser Gln Val Tyr Leu Asp Pro
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Phe Leu Asp Arg Asn Val Pro Pro Ile Phe Asn Asp Val Tyr Trp Ile
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Ala Phe Leu Asp Arg Asn Val Pro Pro Ile Phe Asn Asp Val Tyr Trp
 35 40 45

Ile Ala Phe Leu Asp Arg Asn Val Pro Pro Ile Phe Asn Asp Val Tyr
 50 55 60

Trp Ile Ala Phe
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<210> 6
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 <213> Hepatitis B virus

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<210> 7
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 <212> PRT
 <213> Hepatitis B virus

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Met Gln Trp Asn Ser Thr Thr Phe His Gln Ala Leu Leu Asp Pro Arg
 1 5 10 15

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Val Arg Gly Leu Tyr Phe Pro Ala Gly Gly Ser Ser Ser Gly Thr Val
20 25 30

Asn Pro Val Pro Thr Thr Ala Ser Pro Ile Ser Ser Ile Phe Ser Arg
35 40 45

Thr Gly Asp Pro Ala Pro Asn Leu Glu Arg Ser
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<212> DNA
<213> Artificial Sequence

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tggattgcat tcctcgacat gcagtggaa cccaccacat tccaccaagc tctgctagat 300
cccagagtga ggggcctata ttttcctgct ggtggctcca gttccggaac agtaaaccct 360
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aacctcgagc ggtcataa 438

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<400> 9

Met Arg Gly Ser His His His His His Gly Ser Asp Asp Asp Asp
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Leu Ile Val Asp Arg Asn Val Pro Pro Ile Phe Asn Asp Val Tyr Trp
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Ile Ala Phe Leu Asp Arg Asn Val Pro Pro Ile Phe Asn Asp Val Tyr
35 40 45

Trp Ile Ala Phe Leu Asp Arg Asn Val Pro Pro Ile Phe Asn Asp Val
50 55 60

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Tyr Trp Ile Ala Phe Leu Asp Arg Asn Val Pro Pro Ile Phe Asn Asp
65 70 75 80

Val Tyr Trp Ile Ala Phe Leu Asp Arg Asn Val Pro Pro Ile Phe Asn
85 90 95

Asp Val Tyr Trp Ile Ala Phe Leu Asp Met Gln Trp Asn Ser Thr Thr
100 105 110

Phe His Gln Ala Leu Leu Asp Pro Arg Val Arg Gly Leu Tyr Phe Pro
115 120 125

Ala Gly Gly Ser Ser Ser Gly Thr Val Asn Pro Val Pro Thr Thr Ala
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Ser Pro Ile Ser Ser Ile Phe Ser Arg Thr Gly Asp Pro Ala Pro Asn
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Leu Glu Arg Ser

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cctcctatct tcaatgatgt ttattggatt gcattcctcg accgtaatgt tcctcctatc 300
ttcaatgatg ttatttggat tgcattcctc gaccgtaatg ttctcctat cttcaatgat 360
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0220-2-sequence.txt

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Leu Ile Val Asp Met Gln Trp Asn Ser Thr Thr Phe His Gln Ala Leu
20      25      30
Leu Asp Pro Arg Val Arg Gly Leu Tyr Phe Pro Ala Gly Gly Ser Ser
35      40      45
Ser Gly Thr Val Asn Pro Val Pro Thr Thr Ala Ser Pro Ile Ser Ser
50      55      60
Ile Phe Ser Leu Thr Gly Asp Pro Ala Pro Asn Leu Asp Arg Asn Val
65      70      75      80
Pro Pro Ile Phe Asn Asp Val Tyr Trp Ile Ala Phe Leu Asp Arg Asn
85      90      95
Val Pro Pro Ile Phe Asn Asp Val Tyr Trp Ile Ala Phe Leu Asp Arg
100     105     110
Asn Val Pro Pro Ile Phe Asn Asp Val Tyr Trp Ile Ala Phe Leu Asp
115     120     125
Arg Asn Val Pro Pro Ile Phe Asn Asp Val Tyr Trp Ile Ala Phe
130     135     140

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